

Converting Colors

Hex(763B3B)

Have a look what the booklet for
Hex(763B3B) contains.

Hex(763B3B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(763B3B)

Conversions

Conversions Part 1

Format	Color
Hex	763B3B
RGB	118, 59, 59
RGB Percent	46%, 23%, 23%
CMY	0.5373, 0.7686, 0.7686
CMYK	0.00, 0.50, 0.50, 0.54
HSL	0°, 33%, 35%
HSV	0°, 50%, 46%
XYZ	9.8246, 7.2952, 5.0280
YIQ	76.6410, 35.1640, 12.5080

Conversions

Conversions Part 2

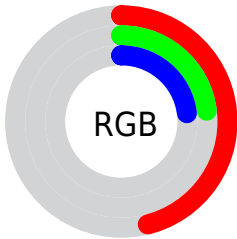
Format	Color
RYB	118, 59, 59
Decimal	7748411
CIELab	32.47, 25.73, 11.82
CIElCh	32, 28.316, 24.663
Yxy	7.2952, 0.4436, 0.3294
Android (android.graphics.Color)	4285938491 (0xFF763B3B)
YUV	76.6410, -8.6970, 36.2718
Hunter-Lab	27.0097, 17.6611, 7.8697

Details

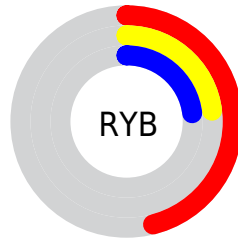
The Hex color **763B3B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3B7676**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **AD6C6A**, and **420D11** is the 20% darker color. If you saturate the color by 10%, you get **762F2F**, and if you desaturate by 10%, it is **764747**.

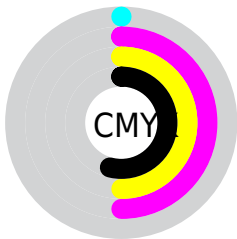
Distribution



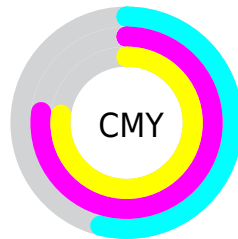
- Red (46%)
- Green (23%)
- Blue (23%)



- Red (46%)
- Yellow (23%)
- Blue (23%)



- Cyan (0%)
- Magenta (50%)
- Yellow (50%)
- Black (54%)



- Cyan (54%)
- Magenta (77%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 763B3B changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 763B3B by changing the saturation by 10% instead.

 763B3B

 763B3B

FFFFFF

 5C2425

 AD6C6A

 420D11

 C98583

 2B0000


 E6A09D

 000000

 FFBBB8

 FFD7D4

 FFF4F0

 763B3B

 763B3B

 762F2F

 764747

 762323

 765353

 761818

 765E5E

 760C0C

 766A6A

 760000

 767676

 768282

 768E8E

 769999

 76A5A5

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



733A51



763B3B



6E4229

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



763B3B



2C5532



195079

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



763B3B



3B7676

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



005570



763B3B



005747

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



763B3B



475122



00585E



484875

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



763B3B



634721



00585E



005277

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



763B3B



998282



763B76



4D3F3F



CCCCCC



4D4D4D

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



763B3B



993D3D



76593B



3B3535



7A0000



FA0000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



3B7676



3D9999



3B5976



353B3B



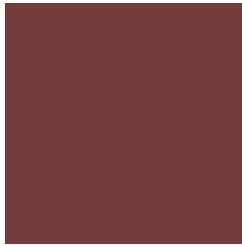
007A7A



00FAFA

Previews

White Background



This preview shows how the Hex color 763B3B looks on a white background.

Color Contrast Check

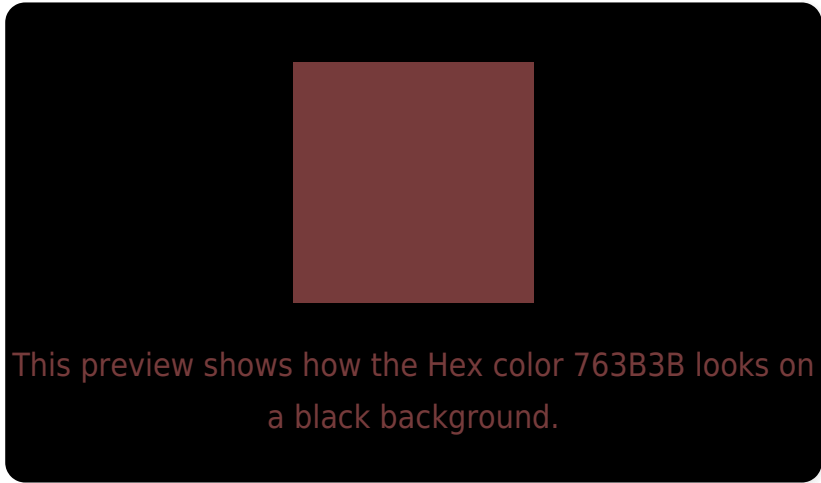
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

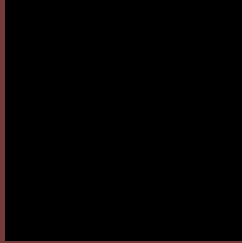
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 763B3B Background



This preview shows how black text looks on a background with the Hex color 763B3B.



This preview shows how white text looks on a background with the Hex color 763B3B.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
763B3B

Protanopia
514D43

Deuteranopia
5B4A38



Tritanopia
763A3F

Trichromacy



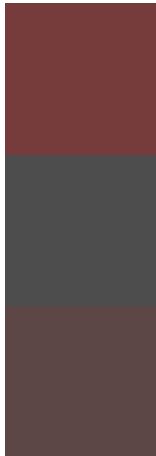
Original Color
763B3B

Protanomaly
5E4640

Deuteranomaly
654539

Tritanomaly
763A3E

Monochromacy



Original Color
763B3B

Achromatopsia
4D4D4D

Achromatomaly
5C4646

CSS Examples

Text

The CSS property to change the color of the text to Hex 763B3B is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #763B3B looks like.

```
.text, #text, p{  
    color:#763B3B  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #763B3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #763B3B
}
```

Border

The CSS property to change the border of an element to Hex 763B3B is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

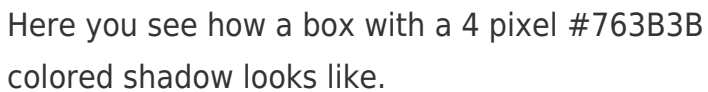
```
.border, #border, table{ border:4px solid
#763B3B }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:#763B3B }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #763B3B colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red horizontal bar. The shadow is a dark red rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #763B3B; -webkit-box-shadow:4px 4px  
4px 4px #763B3B; box-shadow:4px 4px 4px  
4px #763B3B }
```

Background

The CSS property to change the background color of an element to Hex 763B3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#763B3B }
```

If only the background color should be changed can be used:

```
.background{ background-color:#763B3B }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor